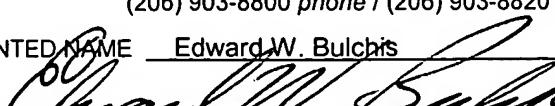


UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for nonprovisional applications under 37 CFR § 1.53(b))</small>		Attorney Docket No. 500903.11		November 10, 2003																																																
		First Inventor or Application Identifier		Brent Keeth et al.																																																
		Title	MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS																																																	
		Express Mail Label No.	EL 646074037 US																																																	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: <small>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</small>																																																		
<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy) <i>(Submit an original and a duplicate for fee processing)</i></td> <td style="width: 30%;">7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</td> </tr> <tr> <td>2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status</td> <td>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></td> </tr> <tr> <td>3. <input checked="" type="checkbox"/> Specification [Total Pages] 42 <i>(preferred arrangement set forth below)</i></td> <td>a. <input type="checkbox"/> Computer-Readable Form (CRF)</td> </tr> <tr> <td>- Descriptive Title of the Invention</td> <td>b. <input type="checkbox"/> Specification Sequence Listing on:</td> </tr> <tr> <td>- Cross References to Related Applications</td> <td>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</td> </tr> <tr> <td>- Statement Regarding Fed sponsored R & D</td> <td>ii. <input type="checkbox"/> paper</td> </tr> <tr> <td>- Reference to Microfiche Appendix</td> <td>c. <input type="checkbox"/> Statement verifying identity of above copies</td> </tr> <tr> <td>- Background of the Invention</td> <td></td> </tr> <tr> <td>- Brief Summary of the Invention</td> <td></td> </tr> <tr> <td>- Brief Description of the Drawings <i>(if filed)</i></td> <td></td> </tr> <tr> <td>- Detailed Description</td> <td></td> </tr> <tr> <td>- Claim(s)</td> <td></td> </tr> <tr> <td>- Abstract of the Disclosure</td> <td></td> </tr> <tr> <td>4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets] 5</td> <td></td> </tr> <tr> <td>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] 2</td> <td></td> </tr> <tr> <td>a. <input type="checkbox"/> Newly executed (original or copy)</td> <td>9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)</td> </tr> <tr> <td>b. <input checked="" type="checkbox"/> Copy from a prior application <i>(37 CFR 1.63(d))</i> <i>(for continuation/divisional with Box 18 completed)</i></td> <td>10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</td> </tr> <tr> <td>i. <input type="checkbox"/> DELETION OF INVENTOR(S)</td> <td>11. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input checked="" type="checkbox"/> Power of Attorney</td> </tr> <tr> <td>ii. <input type="checkbox"/> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</td> <td>12. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></td> </tr> <tr> <td>6. <input checked="" type="checkbox"/> Application Data Sheet <i>(37 C.F.R. 1.76)</i></td> <td>13. <input checked="" type="checkbox"/> Preliminary Amendment Total Pages 4</td> </tr> <tr> <td></td> <td>14. <input checked="" type="checkbox"/> Return Receipt Postcard</td> </tr> <tr> <td></td> <td>15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td></td> <td>16. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></td> </tr> <tr> <td></td> <td>17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail, Check</u></td> </tr> </table>					1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy) <i>(Submit an original and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	3. <input checked="" type="checkbox"/> Specification [Total Pages] 42 <i>(preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer-Readable Form (CRF)	- Descriptive Title of the Invention	b. <input type="checkbox"/> Specification Sequence Listing on:	- Cross References to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	- Statement Regarding Fed sponsored R & D	ii. <input type="checkbox"/> paper	- Reference to Microfiche Appendix	c. <input type="checkbox"/> Statement verifying identity of above copies	- Background of the Invention		- Brief Summary of the Invention		- Brief Description of the Drawings <i>(if filed)</i>		- Detailed Description		- Claim(s)		- Abstract of the Disclosure		4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets] 5		5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] 2		a. <input type="checkbox"/> Newly executed (original or copy)	9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)	b. <input checked="" type="checkbox"/> Copy from a prior application <i>(37 CFR 1.63(d))</i> <i>(for continuation/divisional with Box 18 completed)</i>	10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	i. <input type="checkbox"/> DELETION OF INVENTOR(S)	11. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input checked="" type="checkbox"/> Power of Attorney	ii. <input type="checkbox"/> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)	12. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	6. <input checked="" type="checkbox"/> Application Data Sheet <i>(37 C.F.R. 1.76)</i>	13. <input checked="" type="checkbox"/> Preliminary Amendment Total Pages 4		14. <input checked="" type="checkbox"/> Return Receipt Postcard		15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		16. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail, Check</u>
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<p>18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment</p> <p><input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-In-Part (CIP) of prior Application No. <u>10/278,528</u> Filed <u>October 22, 2002</u></p> <p>Prior application information: Examiner <u>Viet Q. Nguyen</u> Group / Art Unit <u>2818</u></p> <p><input checked="" type="checkbox"/> Incorporation By Reference <i>(useable if box 5b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>																																																				
CORRESPONDENCE ADDRESS																																																				
Edward W. Bulchis, Esq. Dorsey & Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax			Customer No. 27,076																																																	
TYPED or PRINTED NAME <u>Edward W. Bulchis</u>			REGISTRATION NO. <u>26,847</u>																																																	
SIGNATURE 			Date <u>November 7, 2003</u>																																																	

FEE TRANSMITTAL SHEET (FOR FY 2004)

Complete if Known	
Express Mail No.	EL 646074037 US
Filing Date	Concurrently Herewith
First Named Inventor	Brent Keeth et al.
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	500903.11

METHOD OF PAYMENT (Check One)

1. The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1001	770	2001	385	<input checked="" type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee

Subtotal (1) \$770

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total 1	- 20	= 0	x \$ 18	= \$ 0
Ind. 0	- 3	= 0	x \$ 86	= \$ 0
Multiple Dependent Claims			x \$	= \$

Subtotal (2) \$ 0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity Small Entity

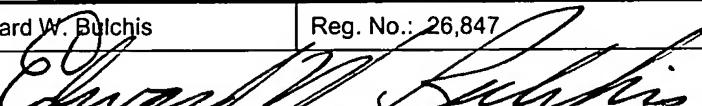
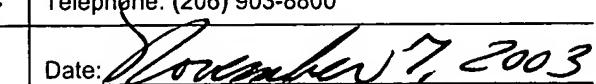
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for ex parte Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 nd month	\$
1253	950	2253	475	Extension for reply within 3 rd month	\$
1254	1,480	2254	740	Extension for reply within 4 th month	\$
1255	2,010	2255	1,005	Extension for reply within 5 th month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive – unavoidable	\$
1453	1,330	2453	665	Petition to revive – unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1806	180	1806	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$

Other fee (specify)

Subtotal (3) \$0

Total Amount of Payment: \$770

Submitted by:

Name: Edward W. Bulchis	Reg. No.: 26,847	Telephone: (206) 903-8800
Signature: 		Date: 

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Brent Keeth et al.

Attorney Docket No.: 500903.11

Filed : November 10, 2003

Title : MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 646074037 US, on November 10, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,
DORSEY & WHITNEY LLP



/ for West Courier

EWB:dms

Enclosures:

- Postcard
- Check
- PTO/SB/05 Utility Patent Application Transmittal
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Preliminary Amendment
- Specification, Claims, Abstract (42 pages)
- 5 Sheets of Drawings (Figures 1-7)
- Copy of Declaration
- Copy of Election and Power of Attorney
- Information Disclosure Statement
- Form PTO-1449

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Brent Keeth et al.

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Filed : Concurrently Herewith

Title : MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS

GENERAL AUTHORIZATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date

November 7, 2003
Edward W. Bulchis
Registration No. 26,847

EWB:dms

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Seattle, WA 98101-4010
(206) 903-8800
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